



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

DOT-E 9211  
(FOURTH REVISION)

**MAY 16 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

EXPIRATION DATE: April 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: American Overseas Marine Corporation (AMSEA)  
Quincy, Massachusetts
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain military explosives, classed as Division 1.1, 1.2, 1.3 and 1.4. for installation and operation of electrically-powered lighting, air conditioning, alarm, fire detection, and cargo-handling systems in cargo holds containing Division 1.1, 1.2, 1.3 and 1.4 explosives in a Maritime Prepositioning Ship (TAKX). This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 176.118.
5. BASIS: This exemption is based on the application of American Overseas Marine Corporation (AMSEA) dated May 1, 2000, submitted in accordance with § 107.109.

MAY 16 2000

Continuation DOT-E 9211 (4th Rev.)

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Military explosives, Division 1.1, 1.2, 1.3 and 1.4 explosives as described in enclosure (3) of the Braintree Corporation on file with OHMEA.			

7. SAFETY CONTROL MEASURES:

a. Cargo holds subject to this exemption may not be used for the stowage of any material, product, or article that is capable of evolving or releasing flammable gases or vapors.

b. The explosives covered by this exemption must be stowed in freight containers which meet the requirements of Commandant, U.S. Coast Guard, Approval CGA 019-81 (Revision 1) dated October 17, 1983. Explosives in a freight container must be blocked, braced, and secured in accordance with Coast Guard - approved DOD outloading drawings and the terms of the Coast Guard Approval cited above. The containers may not be opened while on board the vessel.

c. Before explosives are stowed in a hold, each electrical system serving that hold must be inspected and tested as follows:

i. Electrical cables and fixtures must be examined for defects, damage, and cleanness.

ii. Electrical circuits must be tested for satisfactory insulation resistance, and for continuity, shorts, and grounds. All electrical equipment must be checked for proper grounding.

iii. Air conditioning fans and ducts must be examined to ensure that they are clean and free of contamination. All fans must be checked for proper rotational clearance.

iv. The fire detection and alarm systems must be tested for proper operation.

d. When containers of explosives are loaded, unloaded, or handled within a hold, all electrical circuits and equipment in the hold, except alarm and detection systems necessary for the safety of the vessel and those circuits and equipment necessary for the loading, unloading, or handling operations, must be deenergized.

e. Electrical lighting circuits must be deenergized when the holds are not occupied by personnel. If electrically-powered cargo handling equipment is installed in a hold containing explosives, the electrical circuits for that equipment must be deenergized when the equipment is not in use.

f. The proper operation of each air conditioning system must be checked by a member of the ship's crew at least once every 24 hours.

8. SPECIAL PROVISIONS. Electrical systems, circuits, and equipment in cargo holds of the Maritime Prepositioning ship (TAKX) containing explosives must be installed and operated in accordance with the application and its enclosures and must meet, in addition, the following special provisions:

a. Electrical cables and fittings must be:

i. In good condition, and safeguarded against short circuits and sparking.

ii. Installed in rigid metal conduit or have electrically continuous shielding and metal armor.

iii. Protected from physical damage by location or by suitable guards.

b. Artificial lighting and light fixtures must be as follows:

i. Pendant light fixtures, except portable lights, are not permitted.

ii. Light fixtures must be located or protected to guard against damage by working gear, cargo handling equipment, or cargo.

- c. Air conditioning systems must meet the following:
    - i. Electrical components of the air conditioning system such as motors, pumps, and control equipment, must be protected against damage by means of their location or suitable guards or barriers.
    - ii. Air replenishment intakes must be located so as to prevent the entry of flammable gases or vapors from outside the hold.
    - iii. The failure of the air conditioning system or any major component of that system must be alarmed in a normally manned space.
  - d. Deck and bulkhead cable penetrations must be sealed to prevent the passage of flammable gases and vapors.
  - e. The following special provisions apply to holds containing open freight containers. An open freight container is a container which does not totally enclose its contents by permanent structures including a roof.
    - i. Electrical equipment and installations must be in accordance with Waterman Steamship Corporation's application cited in Section 2, above, as modified by the J.J. Henry Co. Inc. message dated August 3, 1984.
    - ii. In addition, all electrical equipment shall be effectively guarded, to the satisfaction of the Officer in Charge, Marine Inspection, to prevent sparks or hot metal (as from faulty electrical equipment) from striking an open container or its contents.
9. MODES OF TRANSPORTATION AUTHORIZED: Cargo vessel.
10. MODAL REQUIREMENTS: A copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*For* Robert H. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

MAY 16 2000

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

**MAY 16 2000**

Continuation DOT-E 9211 (4th Rev.)

Page 6

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM


NOV 17 2000

Continuation DOT-E 9211 (4th Rev.) APPENDIX A

Page 6

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with §§ 107.107 or 107.109, as appropriate:

Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Waterman Steamship Corporation New Orleans, LA	6/12/2000	6/29/2000	4/30/2002
Maersk Line, Limited Norfolk, VA	11/17/2000	NOV 17 2000	4/30/2002

  
for Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety